

62204-65 ENT(m)/ENP(t)/ENP(b) LJP(c) JD

ACCESSION NR: AP5011676

UR/0166/65/000/002/0072/0074

AUTHORS: Saidov, M. S.; Sultanov, I.; Akhmedzhanov, M. R.

TITLE: Concerning impurities in germanium and silicon

SOURCE: AN USSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, No. 2, 1965, 72-74

TOPIC TAGS: germanium, silicon, nonequilibrium carrier, annealing effect, impurity solubility, impurity capture cross section

ABSTRACT: The authors present the results of a determination of the lifetime of nonequilibrium carriers in silicon of relatively high resistivity, exposed to prolonged high-temperature annealing in the presence of various chemical elements. A connection is established between the cross section for the capture of neutral impurity centers for electrons and the solubility of these impurities in germanium. The results show that after 9 hours of annealing of silicon at 1150C the lifetime is decreased by more than 2 orders of magnitude. The same heat treatment without impurity and in the presence of copper,

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Iron, Indium, manganese, sodium, potassium, or mercury decreases the lifetime by one order of magnitude, from 2×10^{-6} sec to 0.5, 9, 10, 12, 13, 14, 16, and 17 ($\times 10^{-8}$) sec respectively. The values obtained for the cross sections for the capture of neutral impurity centers for electrons in germanium at 300K, for lithium, beryllium, zinc, cadmium, indium phosphorus, arsenic, antimony, oxygen, sulfur, selenium, and tellurium were (in units of 10^{16} cm^2) 0.015, 0.01, 0.03, 0.03, 0.02, 0.03, 0.0015, 0.01, 0.07, > 6 , > 6 , and ≈ 6 respectively. Original article has: 1 figure

ASSOCIATION: Fiziko-tekhnicheskiy institut AN UzSSSR (Physicotechnical Institute AN UzSSSR)

SUBMITTED: 28Feb64

ENCL: 00

SUB CODE: SS

NR REF SOV: 004

OTHER: 004

llc
Card 2/2

SULTANOV, I.T.

Fractional composition of serum protein in children with
osteoarticular tuberculosis. Med. zh. Uzbek. 3:53-55 '63
(MIRA 17:2)

1. Iz Uzbekskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. Sh.A. Alimov) i kafedry detskogo tuberkuleza (zav. - prof. A.A. Saidakhmedov) Tashkentskogo instituta usovershenstvovaniya vrachey.

ARBUZOVA, I.A.; SULTANOV, K.

Polymerization of divinyl acetals. Vysokom.sped. 2 no.7:
1077-1081 J1 '60. (MIRA 13:8)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR,
(Acetals) (Polymerization)

SULTANOV, K.; ARBUZOV, I.A.

Polymerization of divinyl acetals under the effect of ionic catalysts. Uzb. khim. zhur. 7 no.2:57-61 '63. (MIRA 16:8)

1. Institut khimii polimerov AN UzSSR.
(Butadiene) (Polymerization) (Catalysts)

SULTANOV, K.; ARBUZOVA, I.A.

Polymerization of diene acetals; divinyl-allylvinyl-and
diallylacetal. Uzb. khim. zhur. 7 no.4:58-63 '63.
(MIRA 16:10)

1. Institut khimii polimerov AN UzSSR.

SAMARCHYAN, R.S.; MUKHINA, V.N.; SULTANOV, K.I.; PRANULIS, M.F.

Torch lines and safety valves in oil and gas refineries, Azerb.
neft.khoz. 35 no.10:33-35 0 '56. (MLRA 10:1)
(Petroleum--Refineries)

YANOVSKIY, S.M., kand.med.nauk; SULTANOV, K.M.

Extensive resection of the large intestine. Med.shur.Uzb. no.10:
84-85 0 '58. (MIRA 13:6)

1. Iz Shurchinskoy rayonnoy bol'nitsy, Surkhan-Dar'inskoy oblasti
Uzbekskoy SSR.

(INTESTINES--SUBGORY)

SULTANOV, K.M.; DAVITASHVILI, L.Sh., redaktor; VASILEVSKIY, Ya.B., redaktor; PEVZNER, M.I., tekhnicheskiy redaktor.

[Upper Miocene stratigraphy and fauna of eastern Azerbaijan]
Stratigrafiia i fauna verkhnego miotsena Vostochnogo Azerbaidzha-
na. Baku, Izd-vo Akad. nauk azerbaidzhankoi SSR, 1953. 134 p.
[Microfilm] (MLRA 8:2)

1. Deystvitel'nyy chlen Akademii nauk Gruzinskoy SSR (for Davita-
shvili).
(Azerbaijan, Eastern--Geology, Stratigraphic) (Azerbaijan,
Eastern--Paleontology)

SULTANOV, K. M. and AGABEKOV, M. G.

"Problem of the Tectonics of the Neogene Deposits of Western Azerbaijan. Report III." Izv. AN Az SSR, No 1, 43-50, 1954 (Azerbaijani resume).

The representations on the tectonics of the neogene deposits of Western Azerbaijan in the region between the Rivers Kura and Iqra are made more precise by the detailed instrumental survey of 1951. The principal structural elements are the anticlinals of Eylaroyuga and Akhtarkhatap. (RZiGeol, No 5, 1954)
SO: Sum. No. 443, 5 Apr. 55

SULTANOV, K.M. ; MAMEDOV, A.V.

Geological structure and history of the geological development
of the Kura-Iora interfluvium [in Azerbaijani with summary in Rus-
sian]. Uch.zap.AGU no.3:51-64 '55. (MLRA 9:12)
(Kura Valley—Geology)

ABDULLAYEV, R.E.; SULTANOV, K.M.

New data on Miocene deposits in the northeastern foothills of
the Lesser Caucasus. Dokl.AN Azerb. SSR 11 no.10:689-692 '55.

(MLRA 9:2)

1. Institut geologii imeni akademika I.M.Gubkina AN Azerbaydzhans-
skoy SSR. Predstavleno deystvitel'nyy chlenom AN Azerbaydzhanskoy
SSR N.M.Aliyevym.

(Caucasus—Geology, Stratigraphic)

SULTANOV, K. M.

USSR/ Geology

Card 1/1 Pub. 22 - 39/54

Authors : Sultanov, K. M.

Title : Oysters of the Tarkhan horizon in Azerbaidzhan

Periodical : Dok. AN SSSR 100/3. 547-549. Jan 21, 1955

Abstract : Geological data are given regarding the oyster shell deposits found along the Tarekhan basin in southern USSR. Fourteen USSR references (1931-1953).

Institution : Academy of Sciences Azerb. SSR, The I. M. Gubkin Geological Institute

Presented by: Academician V. A. Obduchev, October 21, 1954

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,
p 17 (USSR) 15-1957-3-2641D

AUTHOR: Sultanov, K.M.

(Kadiyi Mamed-ogly)

TITLE: The Apsheron Horizon in Azerbaydzhan (Apsheronskiy
yarus Azerbaydzhana)

ABSTRACT: Bibliographic entry on the author's dissertation for
the degree of Doctor of Geological and Mineralogical
Sciences, presented to the In-t geol. AN AzerbSSR
(Institute of Geology, Academy of Sciences, AzerbSSR),
Baku, 1956.

ASSOCIATION: In-t geol. AN AzerbSSR (Institute of Geology,
Academy of Sciences, AzerbSSR)

Card 1/1

SULTANOV, K.M.; AGABEKOV, M.G.

Stratigraphy of Cenozoic deposits in western Azerbaijan. Trudy Inst.
geol. AN Azerb. SSR 17:74-89 '56. (MIRA 10:4)
(Azerbaijan--Geology, Stratigraphic)

SULTANOV, K.M.

Stratigraphic division of the Apsheronian stage [in Azerbaijani
with summary in Russian]. Uch.zap.AGU no.12:3-11 '57.

(MIRA 12:1)

(Geology, Stratigraphic)

SULTANOV, K.M.

3(5)

p. 3

PHASE I BOOK EXPLOITATION

SOV/1363

Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil. Azerbaydzhanskaya neftyanaya ekspeditsiya, 1946-1948.

Voprosy geologii Talysha (Problems in the Geology of the Talysh Range) Moscow, Izd-vo AN SSSR, 1958. 151 p. (Series: Its: Trudy) 1,200 copies printed.

Ed. of Publishing House: Il'ina, N.A.; Tech. Ed.: Novichkova, N.D.; Editorial Board of Series: Topchiyev, A.V., Academician (Chairman of the Board); Mironov, S.I., Academician; Aliyev, M.M., Active Member, Azerbaydzhan SSR Academy of Sciences; Akhmedov, G.A.; Varentsov, M.I., Corresponding Member, USSR Academy of Sciences; Dmitriyev, Ye.Ya. (Deputy Resp. Ed.); Dolgopolov, N.N.; Il'in, A.A.; Mekhtiyev, Sh.F., Corresponding Member, Azerbaydzhan SSR Academy of Sciences; Mirchink, M.F.; Mozeson, D.L.; Pustovalov, L.V., Corresponding Member, USSR Academy of Sciences (Resp. Ed.); Rengarten, V.P.; Corresponding Member, USSR Academy of Sciences; Fomin, A.V.

PURPOSE: This book is intended for field geologists, stratigraphers, petroleum geologists and related specialists.

COVERAGE: This collection of articles was prepared on the basis of numerous field and laboratory studies of the Talysh Range area. Combined methods of simul-

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Problems in the Geology (Cont.)

SOV/1363

taneously studying stratigraphic, tectonic, volcanic and paleogeographic conditions where employed to ascertain the oil bearing possibilities of the described area. One of the parties, led by V.P. Rengarten, accomplished detailed traversing for a structural study of the Talysh Range; a second party, headed by K.A. Alizade, completed a paleontological and stratigraphic study of the same area. As a result of this procedure the geologists were able to identify 9 stratigraphic units ranging from the Paleocene to the base of the Middle Miocene, inclusive. The units, with an accumulated thickness of 7-10,000 m, constitute a genetically acceptable Pontic-Caspian tectonic zone. The main trends in the Talysh structural setting are expressed in the Talysh anticlinorium, the Yardymlinskiy synclinorium, the Alashar-Buravarskiy anticlinorium, and the Astrakhan-Bazar synclinorium disappearing under the sediments of the Caspian plains. The stratigraphy of the entire complex is studied in detail. The articles are accompanied by tables, maps and diagrams. There are 66 references, of which 64 are Soviet and 2 German.

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SULTANOV, K.N. · KHALILOV, A.G., red.; KOSTYUKOVSKAYA, Ye., red. izd-va;
ISMAILOV, T., tekhn. red.

[Brief paleontologic dictionary] Kratkii paleontologicheskii
slovar'. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961.
209 p. (MIRA 15:2)

(Paleontology—Dictionaries)

GORIN, V.A.; SULTANOV, B.

I.G.

Lokbatan-Atashkya. Tectonic block. Uch.zap.AGU.Ser.geol.-
geog.nauk no.5:9-13 (MIRA 16:9)

SULTANOV, K.M.; KHALIFA-ZALE, Ch.M.; SAMEDOV, S.S.

Jurassic stratigraphy of the sediments of the Kuma oil-bearing region. Izv. vys. ucheb. zav.; neft' i gaz 6 (MIRA 17:6)
no.8:9-13 '63.

1. Azerbaydzhanskiy gosudarstvennyy universitet imeni Kirova i
Institut geologii Dagestanskogo filiala AN SSSR.

SHIRAZI, A.A.; DAVITASHVILI, L.S., akademik, vel.

Apostrophe in Azerbaijan [Apostrophinskiy kurs]
Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1964.
(MB-4 17.9)

1. Soderiya nash Gruzinskiy SSR (for Davitashvili).

CHERNOV, K.M.; SHAHBA-ZADE, Ch.M.; SAMEDOV, S.S.

Stratigraphy of the Jurassic sediments of the Kuma oil- and gas-
bearing region. Izv.vys.ucheb.zav.; neft' i gaz 7 no.4:10-13
'64. (MIRA 17:5)

1. Azerbaydzanskiy gosudarstvennyy universitet imeni Kirova.

KHALILOV, A.G.; SULTANOV, A.D., akademik, red.; SULTANOV, K.M.,
prof., red.

[Stratigraphy of Lower Cretaceous sediments in the south-
eastern extremity of the Greater Caucasus] Stratigrafiia
nizhnemelovykh otlozhenii Iugo-Vostochnogo okonchaniia
Bol'shogo Kavkaza. Baku, Izd-vo AN Azerb.SSR, 1965. 206 p.
(MIRA 18:5)

1. Akademiya nauk Azerbaydzhanskoy SSR (for Sultanov, A.D.).

SULTANOV, M.A.

New method of lining induction furnaces. Lit. proizv. no. 12:31
D '61. (MIRA 14:12)

(Electric furnaces)

SULTANOV, M.

New nematodes of predatory birds of Central Asia. Trudy Biol.
inst. Kir FAN SSSR no. 1: 137-145 '47. (MLRA 8:10)
(Asia, Central--Nematoda) (Parasites--Birds of Prey)

SULTANOV, M. A.

"Aberrant case of paracetamol of the stomach gadfly," Doklady Akad. nauk UzSSR, No. 8, 1948,
p. 28-29-Resume in Uzbek language - Bibliog: 9 items

SO: U-3850, 16 June 53. (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

SULTANOV, M.A.

Helminths of poultry in Tashkent Province. Uzb.biol.shur. no.1:63-73
' 58. (MIRA 11:12)

1. Institut zoologii i parazitologii.
(Tashkent Province--Worms, Intestinal and parasitic)
(Parasites--Poultry)

SULTANOV, M.A.

Game birds as carriers of helminths infesting poultry. Uzb.
biol.zhur. no.5:17-21 '58. (MIRA 12:1)

1. Institut zoologii i parazitologii AN UzSSR.
(Birds as carriers of disease) (Parasites--Poultry)
(Uzbekistan--Worms, Intestinal and parasitic)

SULTANOV, M.A.

Studying the helminth fauna of domestic and commercial game birds
of Uzbekistan. *Uzb. biol. zhur.* no.2:62-71 '59. (MIRA 12:7)

1. Institut zoologii i parazitologii AN UzSSR.
(Uzbekistan--Worms, Intestinal and parasitic)
(Parasites--Birds)

SULTANOV, M.A.

Some data on helminths parasitic in birds of Uzbekistan. Uzb.
biol.shur. no.4:74-75 '59. (MIRA 13:1)
(Uzbekistan--Worms, Intestinal and parasitic)
(Parasites--Birds)

SULTANOV, M.A.

Helminth fauna of domestic fowl and game birds in Uzbekistan.
Trudy Gel'm. lab. 9:333-335 '59. (MIRA 13:3)
(Uzbekistan--Worms, Intestinal and parasitic)
(Parasites--Birds)

SULTANOV, M.A.; SPASSKAYA, L.P.

Studying the cestode fauna of rollers and passerine birds in
Uzbekistan. Trudy Gel'm. lab. 9:336-339 '59. (MIRA 13:3)
(UZBEKISTAN--CESTODA) (PARASITES--ROLLERS (BIRDS))
(PARA 'ITFS--PASSERIFORMES)

SULTANOV, M.A.; RYZHIKOV, K.M.; KOZLOV, D.P.

Nematode parasites of wild birds of the Amu Darya estuary. Uzb.
biol.zhur. no.1:58-63 '60. (MIRA 13:6)

1. Gel'mintologicheskaya laboratoriya AN SSSR.
(PARASITES--BIRDS) (AMU DARYA VALLEY--NEMATODA)

SULTANOV, M.A.

New species of helminths of the gallinaceous birds of
Uzbekistan. Uzb. biol. zhur. no.5:69-77 '61.
(MIRA 17:2)

1. Institut zoologii i parazitologii AN UzSSR.

SULTANOV, M.A.; SKRYABIN, K.I., akademik, Geroy Sotsialisticheskogo Truda, laureat Leninskoy i Gosudarstvennykh premiy, red.; NURATDINOVA, M.R., red.; GOR'KOVAYA, Z.P., tekhn. red.

[Helminths of domestic and game birds of Uzbekistan] Gel'minty domashnikh i okhotnich'-promyslovykh ptits Uzbekistana. Pod red. i s predisl. K.I.Skriabina. Tashkent, Izd-vo Akad. nauk Uzb.SSR, 1963. 466 p. (MIRA 16:7)
(Uzbekistan--Worms, Intestinal and parasitic)
(Uzbekistan--Parasites--Birds)

ZAKHIDOV, T.Z.; SULTANOV, M.A.

Academician K.I. Skriabin, 1878. founder of the Soviet
school of helminthologists. Uzb. biol. zhurn. 7 no. 6
8.12 '63. (MIRA 17:6)

SULTANOV, M.A.; SARYMSAKOV, F.S.; ADYSHEVA, M.M.

Helminths of domestic waterfowl of the Kara-Kalpak A.S.S.R.
and the seasonal dynamics of basic helminthiases. Uzb.
biol. zhur. 7 no.6:32-35 '63. (MIRA 17:6)

1. Institut zoologii i parazitologii AN UzSSR.

L 3152-66 WT(1)/EPA(s)-2/EPA(w)-2/EWA(n)-2
ACCESSION NR: AP5016040

UR/0368/65/002/005/0392/0395
537.53

AUTHORS: Sultanov, M. A. Kiselevskiy, L. I.

TITLE: Spectroscopic investigations of high-voltage pulsed discharges

SOURCE: Zhurnal prikladnoy spektroskopii, v. 2, no. 5, 1965, 392-395

TOPIC TAGS: electric discharge radiation, line broadening, gas
discharge spectroscopy, line spectrum, continuous spectrum, shock
wave propagation

ABSTRACT: The authors investigated the influence of hydrodynamic ef-
fects, which occur in powerful pulsed discharges in supersonic torches
ejected from electrodes, on the spectroscopic characteristics of the
discharge. The purpose of the investigation was to determine the
causes of intensification of the continuous spectrum and the broaden-
ing of the spectral lines in discharge regions remote from the dis-
charge channel itself. The investigations were carried out with dis-
charges between metallic electrodes (copper, aluminum, and others) in

Card 1/2

NR REF. DIV.

Card 2/2

SULTANOV, M.A. [Sultanau, M.A.]; KISELEVSKIY, L.I. [Kisialeuski, L.I.]

Break-off of electrode material in impulsive discharges.

Vestsi AN BSSR. Ser.fiz.-mat.nav. no.1:80-82 '65.

(MIRA 19:1)

L 31527-66 ENT(1)/EWP(m)/ETQ(f) IJP(c) WW/AT

ACC NR:

AP6008826

SOURCE CODE: UR/0294/66/004/001/0040/0045

AUTHOR: Sultanov, M. A.; Kiselevskiy, L. I. 58

ORG: Physics Institute, Academy of Sciences BSSR (Institut fiziki Akademii nauk BSSR) 8

TITLE: Investigation of the interaction of supersonic torches in pulse discharge

SOURCE: Teplofizika vysokikh temperatur, v. 4, no. 1, 1966, 40-45

TOPIC TAGS: plasma shock wave, plasma torch, supersonic flow, electric discharge

ABSTRACT: This article is devoted to the study of the influence of the interaction of counter torches of a pulse discharge on its structural and spectral characteristics. Modes of discharge were studied at which the vapor velocities in the torches were supersonic. An analysis of the data presented shows that in low-voltage discharges (0.25—0.5 kv) the vapors may have supersonic velocities only near the cut-off of the nozzle (1—3 mm from the cut-off). At high-voltage discharges (~3 kv), the region of supersonic flow in the intermediate stage of the pulse exceeds 10—15 mm. The mechanisms of the process are discussed. It is concluded that during the collision in the interelectrode gap of counter torches, moving at high velocities relative to each other, there forms a plasma compression shock region which may contribute fundamentally to the radiation of the discharge and, consequently, determine its spectral characteristics. Depending on the conditions of the advance of the electrode vapors, the compression shock regions may be either stationary in space and time, or moving in the

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UDC: 533.9.07.537.52

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ACC NR:

AP6008826

interelectrode gap. The latter case pertains, as a rule, to discharge between open electrodes.
Orig. art. has: 5 figures, 1 table, and 1 formula.

SUB CODE: 20 / SUBM DATE: 07Dec64 / ORIG REF: 010 / OTH REF: 001

Cord

2/2 *LC*

I 0424-47 AM(1) IJP(c) AT
ACC NR: AR0030926

SOURCE CODE: UR/0207/66/000/004/0096/0098

AUTHOR: Kiselevskiy, L. I. (Minsk); Sultanov, M. A. (Minsk)

ORG: none

TITLE: Investigations of plasma formations produced by interaction of flares of a pulsed discharge of large power

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 4, 1966, 96-98

TOPIC TAGS: discharge plasma, plasma wave propagation, plasma diagnostics, plasma temperature

ABSTRACT: The article deals with the encounter of plasma jets ejected from opposite electrodes in a pulsed discharge. This encounter can give rise to shock-compressed plasma regions, and the resultant plasma formations are of interest from the point of view of diagnostics of the discharge parameters. The discharges were produced in air at atmospheric pressure by discharging capacitor banks of 200 and 800 μF capacitance. The discharge voltage was 3 kv and the inductance of the discharge circuit was 1 μH . The structure of the discharge cloud was studied with a high-speed camera (SFR) under continuous sweep conditions and frame-by-frame photography, in which the shock-compressed regions of the plasma were registered in the form of zones of increased brightness. The photographs were taken at 125,000 frames/sec. The high-speed photographs disclosed the presence of sound oscillations in the compressed plasma regions produced by the interaction of the oppositely moving supersonic discharge flares. The

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L 09329-67

ACC NR: AP6030926

oscillation frequency of these sound waves is of the order of $1.6 \times 10^5 \text{ sec}^{-1}$ and decreases slightly toward the end of the pulse. The photographs show clearly the bright regions corresponding to the flares and inclined strips corresponding to the sound perturbations. The inclination of the strips makes it possible to determine the speed of sound in the plasma inside the shock-compressed region and consequently its temperature. Formulas for the determination of the temperature are cited. With the 800 μF capacitance, the speed of sound exceeded 2000 m/sec at $\sim 50 \mu\text{sec}$ following the start of the discharge, and decreased with increase in time. The corresponding temperature was 14,000K, and likewise decreased with time. A lower temperature was obtained when the capacitance was 200 μF . The results confirm the commonly held assumption that the temperature of the plasma is highest at the start of the discharge. It is concluded that this method can be successfully used to measure the time evolution of the temperature and the supersonic formations in a plasma. Orig. art. has: 1 figure and 2 formulas.

SUB CODE: 20/ SUBM DATE: 18Aug65/ ORIG REF: 005

Card 2/2, 1

ACC NR: AP6036809

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653910013-2"

AUTHOR: Sultanov, M. A.

ORG: none

TITLE: Effect of flare interactions on the structural and spectroscopic characteristics of pulse discharge

SOURCE: Zhurnal prikladnoy spektroskopii, v. 5, no. 5, 574-580

TOPIC TAGS: plasma flow, shock wave, spectroscopic analysis, temperature distribution, high speed photography, plasma discharge

ABSTRACT: The interaction of flares (faculae) during a plasma discharge is investigated experimentally. The discharge is in air, under atmospheric pressure, and is obtained from a 200--800 μF farad capacitor bank (250--3000 volt). Open as well as flat-end copper electrodes were used. Photographic analysis of the plasma indicates that flare collisions take place at supersonic speeds with Mach numbers 1.1 to 5. These interactions result in shock-compressed plasmas where a strong temperature rise is observed. Line intensity curves are obtained for various radiating species, such as Cu, Zn, OII, etc, along the electrode axis which clearly demonstrate this increase in plasma temperature. In fact, the shock-compressed plasma regions show as intense sources of continuous radiation. In conclusion, the author expresses his thanks to L. I. Kiselevskiy for his help in this work. Orig. art. has: 4 figures and 1 table.

SUB CODE: 20, 14 SUBM DATE: 12Aug65/ ORIG REF: 006

Card 1/1

UDC: 537.523

SULTANOV, M.A.; KISELEVSKIY, L.L.

Spectroscopic studies of high-voltage pulse discharges. Zhur. prikl.
spektr. 2 no.5:392-395 My '65. (MIRA 18:7)

SULTANOV, M.B.

Strychnine like action of the alkaloid vincanin. Izv. AN Uz.
SSR. Ser. med. no. 3: 38-40 '59. (MIRA 12:8)

1. Institut krayevoy meditsiny AN UzSSR.
(ALKALOIDS)

SULTANOV, M.B.

Influence of morphine and heroin on the evacuatory function
of the stomach of young animals. Izv. AN Uz. SSR. Ser. med.
no. 5: 33-36 '59. (MIRA 13:3)

1. Tashkent'skiy gosudarstvennyy meditsinskiy institut.
(MORPHINE) (STOMACH)

SULTANOV, M.B.

Vomiting inducing action of alkaloid vincanidin. Med. zhur. Uzb.
(MIRA 15:2)
no.6:30-32 Je '60.

1. Iz Instituta krayevoy i eksperimental'noy meditsiny AN UzSSR
(dir. - dotsent G.M. Makhkamov). (ALKALOIDS)
(VOMITING)

SULTANOV, M.B.; SAIDKASYMOV, T.

Hypotensive action of the alkaloid vincanine. Farm.alk. no.1:
36-41'62. (MIRA 16:9)
(VINCANINE) (ANTIHYPERTENSIVE AGENTS)

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(PERIWINKLE (BOTANY))

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(RESPIRATION)

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